

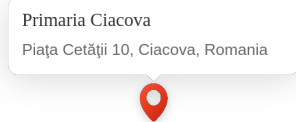
Primaria Ciacova

WEEKLY AIR-QUALITY REPORT

Timp de la: **10/05/2026, 00:00**
Timp până la: **17/05/2026, 00:00**

Numele dispozitivului: **Primaria Ciacova**
Locația dispozitivului: **Piața Cetății 10, Ciacova, Romania**

Parametrii: **CAQI , PM₁₀ , PM_{2.5} , NO₂ , O₃ , CO , Temperature , Wind Speed , Wind Direction , SO₂ , R. Humidity , PM₁ , PM₁₀₀ , Pressure**



Media indicelui de calitate al aerului (ICA): **24**

Prezentare generală zilnică: Parametrii indicelui de calitate al aerului (ICA)

	CAQI AQI	PM ₁₀ μg/m ³	PM _{2.5} μg/m ³	NO ₂ μg/m ³	O ₃ μg/m ³
Average	24	24.36	7.34	18.28	16.53
Maximum	31	30.69	11.24	21.76	20.24
Date	10/05/2026	14/05/2026	10/05/2026	16/05/2026	15/05/2026
Minimum	19	18.93	4.27	13.7	12.57
Date	15/05/2026	15/05/2026	15/05/2026	10/05/2026	12/05/2026

The data shown above is based on Media zilnică .

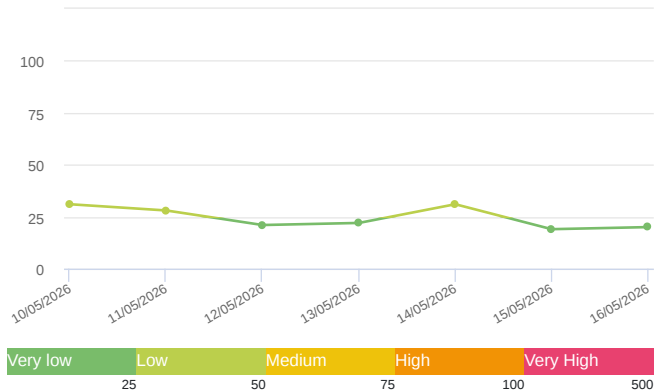
Prezentare generală zilnică: Alți parametri

	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO ₂ ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa
Average	236.5	18.66	1.79	203.28	100	0	59.58	5.58	37.72	997.52
Maximum	246.39	22.83	5.24	298.25	100	0	71.4	9.66	47.32	1005.06
Date	14/05/2026	10/05/2026	13/05/2026	13/05/2026	10/05/2026	10/05/2026	12/05/2026	10/05/2026	14/05/2026	10/05/2026
Minimum	218.99	14.23	1.61	168.53	100	0	50.98	2.86	32.19	991.81
Date	13/05/2026	13/05/2026	10/05/2026	10/05/2026	10/05/2026	10/05/2026	14/05/2026	15/05/2026	16/05/2026	16/05/2026

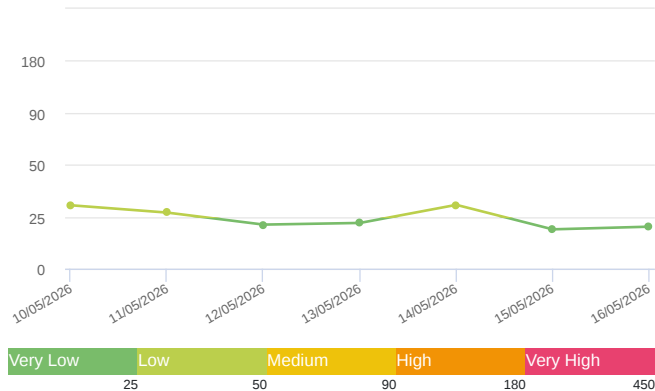
The data shown above is based on Media zilnică .

Media zilnică

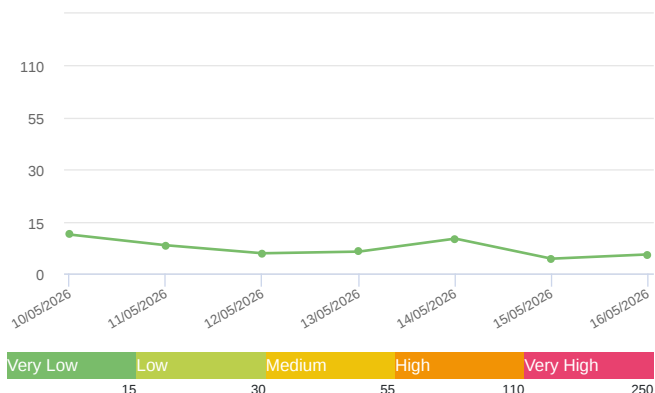
CAQI (AQI)



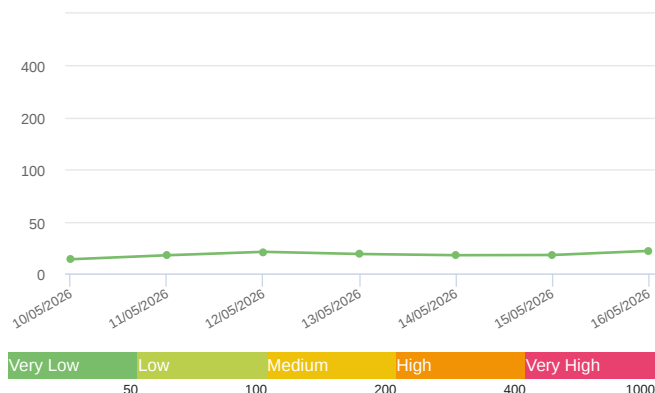
PM₁₀ (μg/m³)



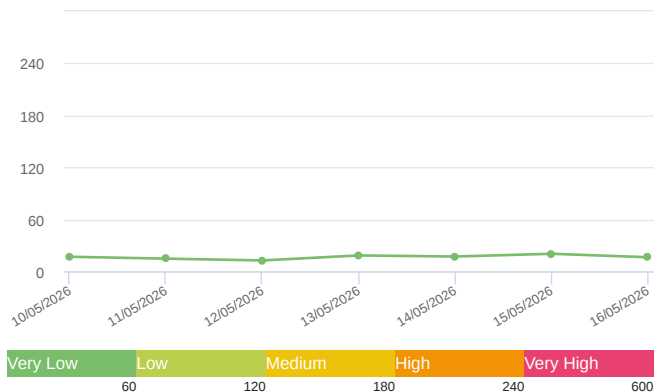
PM_{2.5} (μg/m³)



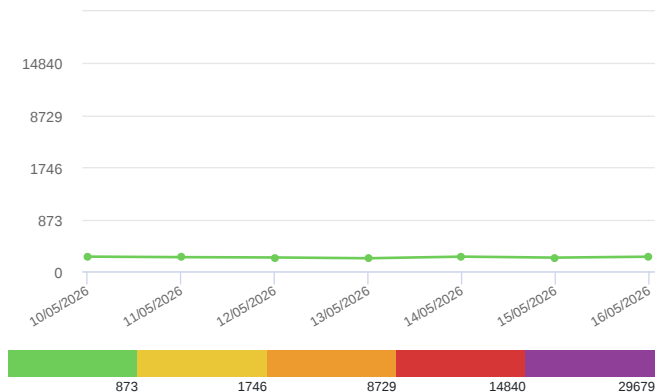
NO₂ (μg/m³)



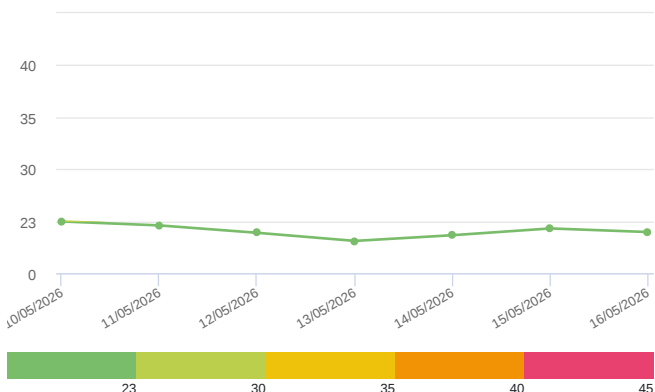
O₃ (μg/m³)



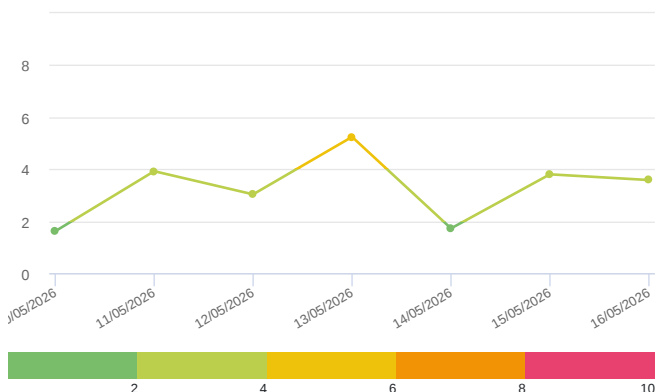
CO (ppb)



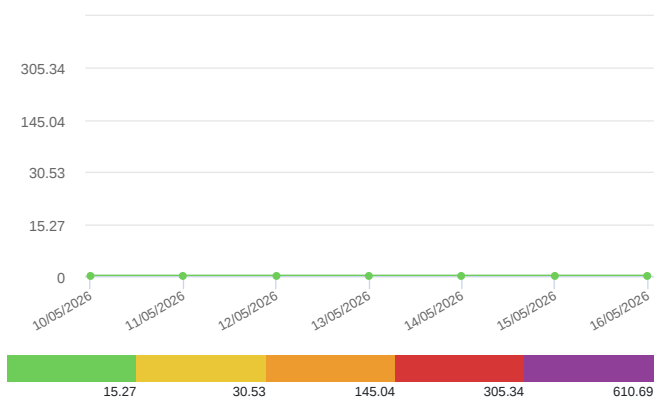
Temperature (°C)



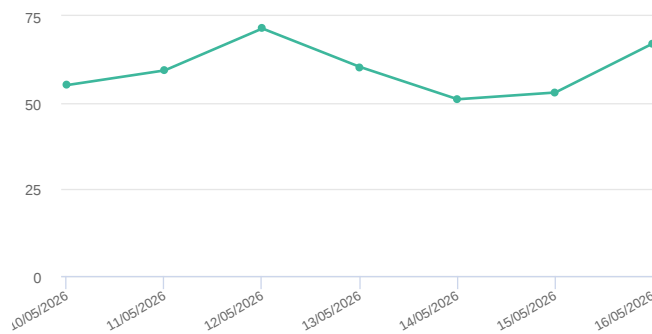
Wind Speed (m/s)



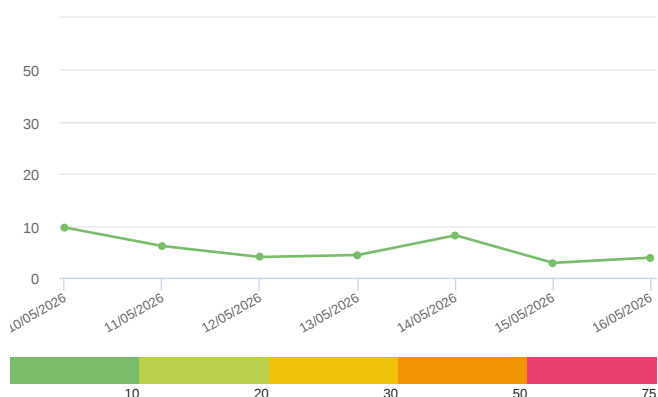
SO₂ (ppb)



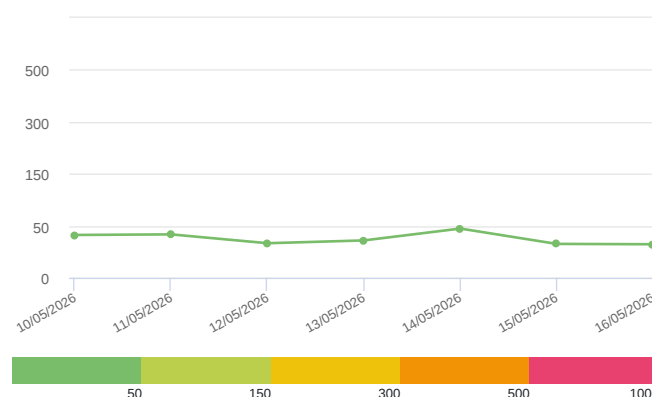
R. Humidity (%)



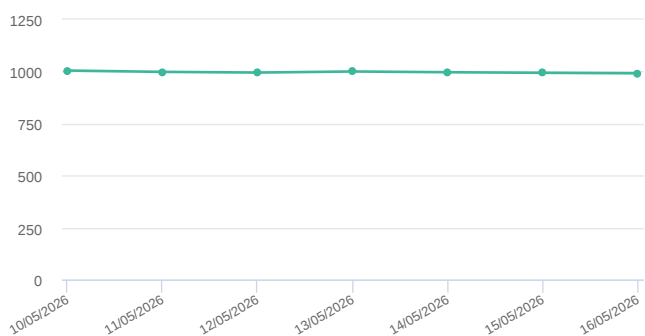
PM₁ (μg/m³)



PM₁₀₀ (μg/m³)



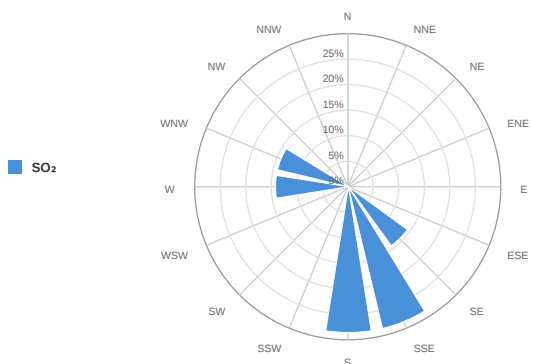
Pressure (hPa)



Media zilnică

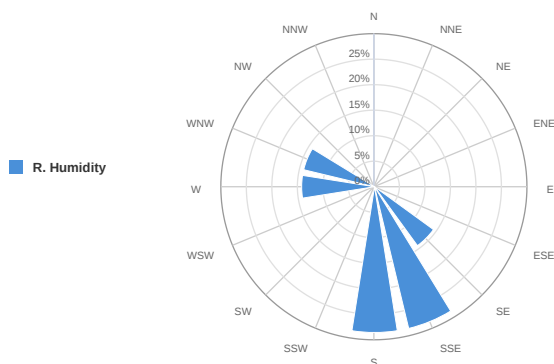


SO₂ (ppb)



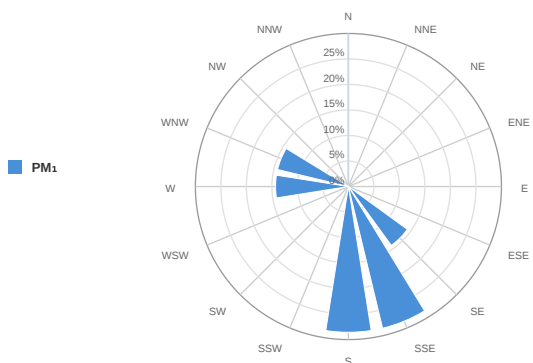
■ SO₂

R. Humidity (%)



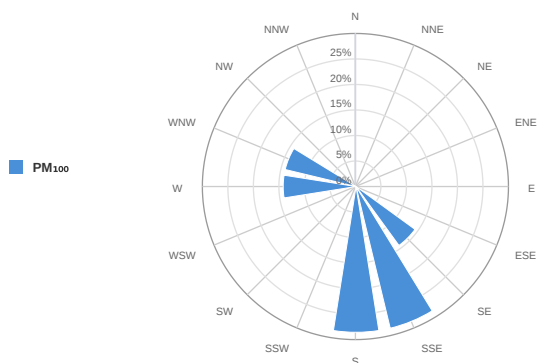
■ R. Humidity

PM₁ (μg/m³)



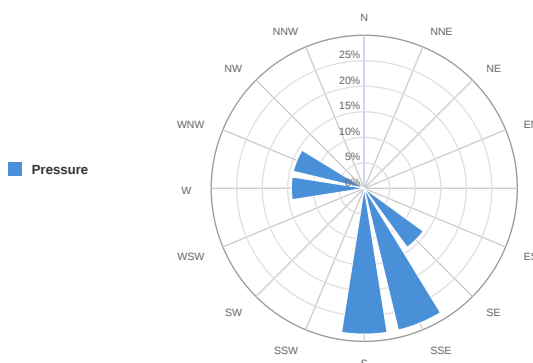
■ PM₁

PM₁₀₀ (μg/m³)



■ PM₁₀₀

Pressure (hPa)



■ Pressure

Alerte

No alerts for the selected date and time range

Insights

- 16/05/2026, 23:59 **CAQI Fluctuations Observed:** CAQI varies between 'Very Low' (19-25) and 'Low' (26-50) levels during the monitoring period, indicating generally good air quality. The highest CAQI observed is 31.
- 16/05/2026, 23:59 **PM_{2.5} Concentrations Consistently Low:** PM_{2.5} concentrations remain within the 'Very Low' range (0 - 15 $\mu\text{g}/\text{m}^3$) throughout the entire week, suggesting minimal fine particulate matter pollution.
- 16/05/2026, 23:59 **PM₁₀ Concentrations in Low to Medium Range:** PM₁₀ levels fluctuate between 'Low' (25.01 - 50 $\mu\text{g}/\text{m}^3$) and 'Medium' (50.01 - 90 $\mu\text{g}/\text{m}^3$) levels, with the highest recorded value at 30.69 $\mu\text{g}/\text{m}^3$.
- 16/05/2026, 23:59 **NO₂ Levels Generally Low:** NO₂ concentrations are consistently within the 'Low' (26.58 - 53.14 $\mu\text{g}/\text{m}^3$) range, indicating relatively low levels of nitrogen dioxide pollution. The max value is 40.95 $\mu\text{g}/\text{m}^3$.
- 16/05/2026, 23:59 **O₃ Levels Show Minor Variation:** O₃ (Ozone) concentrations fluctuate slightly, staying within the 'Low' (30.57 - 61.12 $\mu\text{g}/\text{m}^3$) range, suggesting stable ozone levels. The minimum observed value is 24.68 $\mu\text{g}/\text{m}^3$.
- 16/05/2026, 23:59 **Wind Direction Shifts over Time:** Wind direction varies significantly, ranging from 143.94 to 298.25 degrees. This shift may influence the dispersion of pollutants.
- 16/05/2026, 23:59 **Stable Battery Performance:** Battery levels consistently remain at 100% throughout the observed period, ensuring uninterrupted data collection.
- 16/05/2026, 23:59 **SO₂ Levels Consistently Zero:** Sulfur dioxide (SO₂) concentrations are consistently reported as zero, indicating a lack of SO₂ pollution during the monitoring period.
- 16/05/2026, 23:59 **Temperature Fluctuation Observed:** The temperature fluctuated from 14.23 to 22.83 °C during this time. However, it did not seem to have a direct effect to air quality.
- 16/05/2026, 23:59 **CO Concentrations Show Slight Variation:** Carbon monoxide (CO) levels fluctuate between 218.99 and 246.39 ppb. These variations need further investigation to determine any potential impact on air quality.

Parametrii indicelui de calitate al aerului (ICA)

Media zilnică

To Date	CAQI AQI	PM ₁₀ μg/m ³	PM _{2.5} μg/m ³	NO ₂ μg/m ³	O ₃ μg/m ³
10/05/2026, 23:59	31	30.5	11.24	13.7	16.78
11/05/2026, 23:59	28	26.97	8.14	17.56	14.55
12/05/2026, 23:59	21	21.2	5.84	20.86	12.57
13/05/2026, 23:59	22	22	6.32	18.73	18.31
14/05/2026, 23:59	31	30.69	10.06	17.58	17.05
15/05/2026, 23:59	19	18.93	4.27	17.78	20.24
16/05/2026, 23:59	20	20.19	5.5	21.76	16.21

Alți parametri

Media zilnică

To Date	CO ppb	Temperature °C	Wind Speed m/s	Wind Direction degree	Battery %	SO ₂ ppb	R. Humidity %	PM ₁ μg/m ³	PM ₁₀₀ μg/m ³	Pressure HPa
10/05/2026, 23:59	245.93	22.83	1.61	168.53	100	0	55.07	9.66	41.15	1005.06
11/05/2026, 23:59	237.49	21.08	3.92	183.1	100	0	59.31	6.09	41.69	998.7
12/05/2026, 23:59	232	17.83	3.03	271.22	100	0	71.4	3.99	33.2	995.38
13/05/2026, 23:59	218.99	14.23	5.24	298.25	100	0	60.3	4.38	35.89	1000.57
14/05/2026, 23:59	246.39	16.76	1.72	143.94	100	0	50.98	8.16	47.32	996.93
15/05/2026, 23:59	229.33	19.76	3.8	173.29	100	0	52.93	2.86	32.57	994.17
16/05/2026, 23:59	245.39	18.17	3.58	161.38	100	0	67.09	3.88	32.19	991.81

Oizom will not be responsible for Environmental Data accuracy once Validated